

# Ontario Forest Industry Statistical Reports for 1984

## January 1986




Ontario

Ministry of  
Natural  
Resources

Hon. Vincent G. Kerrio  
Minister

Mary Mogford  
Deputy Minister



Digitized by the Internet Archive  
in 2022 with funding from  
University of Toronto

# Ontario Forest Industry Statistical Reports for 1984

## January 1986

**Mill Licence Returns Summary  
Bark and Wood Residues Production and Consumption  
Interprovincial and international Trade in Wood Products**

Single copies of this publication are available  
at no charge from the address noted below.  
Bulk orders may involve charges.

Ministry of Natural Resources  
Public Information Centre  
Room 1640, Whitney Block  
99 Wellesley St. West,  
Toronto, Ontario M7A 1W3

© 1986, Queen's Printer of Ontario



Ministry of  
Natural  
Resources

Hon. Vincent G. Kerrio  
Minister

Mary Mogford  
Deputy Minister

Ontario Forest  
Industry Statistical  
Reports for 1984  
January 1986



Ontario Forest  
Industry Statistical  
Reports for 1984  
January 1986



## TABLE OF CONTENTS

SYNOPSISSES.....	1
Report on the 1984 Mill Licence Returns.....	3
Report on the 1984 Bark and Wood Residues Production and Consumption.....	4
Report on the 1984 Interprovincial and International Trade in Wood and Wood Products.....	6
REPORT ON THE 1984 MILL LICENCE RETURNS.....	9
Mill Operations Licensed, 1984.....	11
Volume of Roundwood Received in 1984 as Reported by Licensed Mills.....	13
Volume of Roundwood Received as Reported by Licensed Mills, 1974-84.....	14
Reported 1984 Production of Ontario Sawmills.....	15
Reported Production of Ontario Sawmills, 1980-84.....	16
Reported Production of Ontario Sawmills, 1974-84.....	17
Ontario Sawmills, 1984.....	18
Ontario Sawmills Ranked in Order of 1984 Lumber Production.....	21
Ontario Panelboard Production, 1984.....	22
Ontario Panelboard Producers, 1984.....	23
Production of Ontario Pulp and Paper Mills, 1984.....	24
REPORT ON THE 1984 BARK AND WOOD RESIDUES PRODUCTION AND CONSUMPTION.....	25
Regional Production-Consumption Statistics: Ontario-Produced Pulpchips.....	27
Total Pulpchips Shipments: Ontario, 1970-84.....	28
Mean Shipment by Chip-Producing Mills: Ontario, 1970-84.....	28
Selected Pulpchip Statistics, 1977-84.....	29
Selected Shavings Statistics, 1977-84.....	30
Selected Hog Fuel Statistics, 1982-84.....	31
Selected Sawdust Statistics, 1977-84.....	32
Selected Bark Statistics, 1977-84.....	33
Inter-regional Shipments of Ontario Pulpchips, 1984.....	34

Regional Production and Consumption of Shavings, 1984.....	35
Regional Production and Consumption of Hog Fuel, 1984.....	36
Regional Production and Consumption of Sawdust, 1984.....	37
Regional Production and Consumption of Bark, 1984.....	38
Ontario Pulpchip Producers, 1984.....	39
Ontario Pulpchip Consumers, 1984.....	43
Ontario Shavings Producers, 1984.....	44
Ontario Shavings Consumers, 1984.....	47
Ontario Hog Fuel Producers, 1984.....	48
Ontario Hog Fuel Consumers, 1984.....	50
Ontario Sawdust Consumers, 1984.....	51
Ontario Bark Consumers, 1984.....	52

#### REPORT ON THE 1984 INTERPROVINCIAL AND

INTERNATIONAL TRADE IN WOOD AND WOOD PRODUCTS.....	53
Ontario Interprovincial and International Trade	
in Wood and Wood Products, 1984, Summary.....	55
Ontario Interprovincial and International Trade	
in Wood Products, 1984, by Origin and Destination.....	56
Shipments into Ontario, 1984.....	57
Shipments out of Ontario from Crown Lands, 1984.....	58
Shipments out of Ontario from Patent Lands, 1984.....	59
Historical Summary, 1979-84.....	60
Ontario Interprovincial and International Wood	
Shipments, 1975-84.....	61
Ontario Exports of Forest Products, 1981-84 (value).....	62
Ontario Exports of Forest Products, 1981-84 (volume).....	63
Ontario Imports of Forest Products, 1981-84 (value).....	64
Ontario Imports of Forest Products, 1981-84 (volume).....	65

## SYNOPSIS

1. The first section of the report, comprising about 10 pages, describes the work done from 1955 to 1956 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
2. The second section of the report, comprising about 10 pages, describes the work done from 1956 to 1957 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
3. The third section of the report, comprising about 10 pages, describes the work done from 1957 to 1958 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
4. The fourth section of the report, comprising about 10 pages, describes the work done from 1958 to 1959 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
5. The fifth section of the report, comprising about 10 pages, describes the work done from 1959 to 1960 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
6. The sixth section of the report, comprising about 10 pages, describes the work done from 1960 to 1961 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
7. The seventh section of the report, comprising about 10 pages, describes the work done from 1961 to 1962 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
8. The eighth section of the report, comprising about 10 pages, describes the work done from 1962 to 1963 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
9. The ninth section of the report, comprising about 10 pages, describes the work done from 1963 to 1964 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.
10. The tenth section of the report, comprising about 10 pages, describes the work done from 1964 to 1965 in the investigation of the properties of the  $\pi^0$  meson and the  $\eta$  meson. The results of the experiments are given in the form of tables and graphs.





Report on the 1984 Mill Licence Returns

- \* The total number of licensed roundwood-using mills in Ontario decreased from 848 in 1983 to 819 in 1984. Structurally, a decline of 33 sawmills, mostly of small and medium capacities, was offset by a net increase of 3 panelboard mills.
- \* Total roundwood receipts by all mills increased by 9.4% to 24.1 million  $m^3$  compared to 1983. Sawlog and veneer log receipts were up by 9.2% to 11.1 million  $m^3$ , while pulpwood and miscellaneous roundwood mill receipts increased by 9.6% to 12.9 million  $m^3$ .
- \* Total lumber production increased by 11.5% from 1983 with a total of 4.56 million  $m^3$  of lumber being produced (4.09 million  $m^3$  in 1983).
  - Softwood lumber production continued its recovery from 1982's low level with 3.97 million  $m^3$  being sawn, an increase of 11.2% over 1983 to the highest post-World War II level. The increase was primarily comprised of spruce, jack pine and balsam fir lumber.
  - Hardwood lumber production was 0.59 million  $m^3$ , or 13.4% higher than in 1983. Birch, other, and mixed hardwood lumber exhibited production increases greater than 30% over 1983.
- \* Veneer production rose by 0.3% to 197,441  $m^3$  from 1983 output; while provincial panelboard production increased more dramatically rising by 8.7% to 898,255  $m^3$ . Plywood (up 5.6%) and exterior-grade waferboard (up 21.1%) experienced increases in output from the previous year, but interior-grade particleboard had an 8.1% decline.
- \* Total pulp production in the Province was 4.11 million tonnes, a 9.0% increase from 1983. All major pulp grades exhibited absolute output increases, with sulphite pulp (up 35.3%), semi-chemical (up 10.5%), and groundwood (up 8.6%) leading the way.
- \* Ontario's total production of paper and paperboard increased for the second consecutive year to 2.95 million tonnes (up 9.5% from 2.69 million tonnes in 1983). Other papers and paperboards (up 35.5%) and newsprint (up 10.5%) showed increases from 1983 output levels, while fine papers (down 12.2%) and groundwood specialty papers (down 1.5%) decreased.

Report on the

1984 Bark and Wood Residues Production and Consumption

- \* During 1984, pulpchip production growth continued its constant annual volume increment of about 232,600 m<sup>3</sup> (87,700 bone-dry metric tonnes) to a total production of 5.75 million m<sup>3</sup> (2.17 million b.d.m.t.), an 18.6% increase over 1983 output.
- \* The volume of pulpchip shipments increased by 939,260 m<sup>3</sup> (354,037 b.d.m.t.), or 20.0% above the previous year as it increased to 5.64 million m<sup>3</sup> (2.12 million b.d.m.t.). Contributing to this increase were good softwood lumber markets and strong pulp and paper mill performances.
- \* The number of pulpchip producers in Ontario was 116 with an average output during the year of 48,588 m<sup>3</sup> (18,314 b.d.m.t.), an increase of 8.6% from the average mill production of 44,733 m<sup>3</sup> (16,861 b.d.m.t.) in 1983. The 16 Ontario pulp mills which consumed pulpchips used 301,165 m<sup>3</sup> (113,519 b.d.m.t.) on average per mill with the 7 pulp mills which used at least 265,318 m<sup>3</sup> (100,000 b.d.m.t.) accounting for 81.9% of the Ontario pulp mill pulpchip consumption.
- \* The regional distribution of production and consumption of Ontario pulpchips indicates the following:
  - the Northwestern and North Central regions produced 32.1% of the Province's pulpchips, yet consumed 51.9% of the shipments;
  - the Northern and Northeastern regions' mills produced 54.9% and utilized 31.7%; and
  - the four southern OMNR regions produced 13.0%, but used only 1.7%; while Quebec mills consumed 12.7% and mills in the United States received 0.4%.
- \* Estimated planer shavings production was 987,194 m<sup>3</sup> (372,175 b.d.m.t.), with 30.8% being used industrially, 3.2% agriculturally or in landscaping, and 24.4% for internal mill fuel consumption, leaving 41.6% unutilized.

- \* Estimated sawmill sawdust production was 1,401,664 m<sup>3</sup> (528,431 b.d.m.t.), with 14.4% being used industrially, 14.5% agriculturally or for landscaping, and 31.5% for internal mill fuel consumption, leaving 39.6% unutilized.
- \* Estimated forest industry bark production was 2,860,393 m<sup>3</sup> (1,078,376 b.d.m.t.), with 6.7% being used industrially, 0.9% agriculturally or in landscaping, 42.0% for internal mill fuel consumption, leaving 50.4% unutilized.
- \* Estimated hog fuel production was 1,956,320 m<sup>3</sup> (737,560 b.d.m.t.), with 6.5% being used industrially, 0.3% in agricultural applications and in landscaping, 71.2% as internal mill fuel consumption, leaving 22.0% unutilized.

Report on the 1984 Interprovincial and International Trade  
in Wood and Wood Products

VOLUME OF TRADE

- \* Shipments of roundwood and wood residues into Ontario were 1.23 million m<sup>3</sup>, an increase of 0.25 million m<sup>3</sup> or 25.5% over 1983. The bulk of the increase, 0.31 million m<sup>3</sup>, was due to higher volumes of shipments from the Province of Quebec, up 60.6% over 1983, and the United States, up 32.3% or 0.19 million m<sup>3</sup>. Offsetting these increases was a lower volume of shipments from the Province of Manitoba, 0.15 million m<sup>3</sup> in 1984 versus 0.20 million m<sup>3</sup> in 1983. The United States strengthened its role as the leading source of wood for Ontario with Quebec second and Manitoba third.
- \* Shipments of roundwood and wood residues out of Ontario were 0.92 million m<sup>3</sup>, a decrease of 0.16 million m<sup>3</sup> or 14.4% from 1983. Shipments from Crown land-derived wood decreased by 0.20 million m<sup>3</sup> or 23.1%, and from patent land-derived wood increased by 0.04 million m<sup>3</sup> or 17.7%. Shipments increased to the Province of Quebec by 0.16 million m<sup>3</sup> or 22.9%, but decreased to the United States by 0.32 million m<sup>3</sup> or 87.5%.
- \* 1984 shipments into Ontario consisted of:
  - 44.5% conifers and 55.5% hardwoods; and
  - 65.8% pulpwood, 27.2% logs and bolts, and only 7.0% whole-tree pulpchips and other wood residues.
- \* 1984 shipments out of Ontario consisted of:
  - 60.9% conifers and 39.1% hardwoods;
  - 4.7% pulpwood, 8.5% logs and bolts, and 86.8% whole-tree pulpchips and other wood residues; and
  - 29.5% patent land-derived wood and 70.5% Crown land-derived wood.
- \* In terms of general historic trends, Ontario recovered its positive net wood receipt position during 1984 to a surplus of some 0.31 million m<sup>3</sup>; or 1.23 million m<sup>3</sup> inbound versus 0.92 million m<sup>3</sup> outbound.

\* On a commodity basis, Ontario is:

- a large, net importer of pulpwood of both coniferous and hardwood species; 0.04 million m<sup>3</sup> shipped out of Ontario and 0.81 million m<sup>3</sup> of pulpwood received.
- a moderate, net importer of sawlogs and veneer bolts; 0.08 million m<sup>3</sup> shipped out and 0.34 million m<sup>3</sup> shipped in with a little more conifer than hardwood both inbound and outbound.
- a large, net exporter of whole-tree pulpchips and other wood residues; 0.80 million m<sup>3</sup> shipped out, and only 0.09 million m<sup>3</sup> shipped in.
- in wood trade deficit with the Province of Quebec, having sent 0.88 million m<sup>3</sup> and receiving 0.30 million m<sup>3</sup> of wood during 1984. Predominantly, Ontario received conifer logs and bolts, hardwood pulpwood, and hardwood whole-tree pulpchips and other wood residues, while shipping mostly Crown and patent land-derived whole-tree pulpchips and other wood residues of both species groups and some Crown land-derived conifer logs and bolts, and hardwood pulpwood.
- a moderate net importer of wood from the U.S.A. having widened the deficit to 0.75 million m<sup>3</sup> in 1984. The imports are primarily hardwood and conifer pulpwood, and hardwood logs and bolts. Exported, principally, are patent and Crown land-derived whole-tree pulpchips and other wood residues.
- a small net receiver of wood from the Province of Manitoba with 0.15 million m<sup>3</sup> crossing eastward across Ontario's western boundary. This was mainly in the form of conifer pulpwood.

#### DOLLAR VALUE OF TRADE

- \* During 1984, Ontario exported \$55.2 billion worth of all materials and products, while importing \$59.5 billion worth for a net international trade deficit of \$4.3 billion. In terms of a national perspective, Ontario accounted for 49.1% of Canada's total exports and 62.1% of all imports.
- \* Ontario accounted for 20.6% of Canada's wood and wood products exports and 52.4% of the nation's wood and wood products imports. In a provincial context, wood and wood products accounted for 5.8% of all Ontario exports and only 1.3% of all Ontario imports.



- \* Ontario exported \$3.21 billion worth of wood and wood products during 1984, while importing \$0.78 billion worth, for a provincial/national trade surplus of \$2.43 billion in wood and wood products trade.
- \* The primary wood and wood products exports from Ontario, ranked by value, were Paper for Printing, mainly newsprint (\$1,276 million; 2.05 million tonnes), Lumber and Timbers (\$766 million; 6.51 million m<sup>3</sup> or 2.76 billion f.b.m.), Wood Pulp and Similar Pulp (\$640 million; 1.05 million tonnes), Other Fabricated Wood Materials (\$130 million); and Converted Paper (\$78 million; 18,595 tonnes).

In terms of Canada's share of each product's exports from Ontario Converted Paper (72.3%), Fine Paper (63.6%; \$70 million; 56,458 tonnes), Tissue and Sanitary Paper (54.9%; \$23 million; 6,784 tonnes), Other Fabricated Wood Materials (54.4%), and Veneer (49.9%; \$62 million; 16,822 m<sup>3</sup>) were most important.

- \* The principal wood and wood products imports to Ontario, ranked by value, were Lumber and Timbers (\$125 million; 0.47 million m<sup>3</sup> or 0.20 billion f.b.m.), Converted Paper (\$112 million; 41,892 tonnes), Fine Paper (\$108 million; 56,458 tonnes), Paper for Printing, mainly newsprint (\$88 million; 79,001 tonnes), and Wood Pulp and Similar Pulp (\$72 million; 108,838 tonnes).

In terms of the country's share of each product's imports to Ontario, Pulpwood (86.5%; \$11 million; 390,654 m<sup>3</sup>), Converted Paper (65.9%), Fine Paper (65.5%), Other Sawmill Products (58.2%; \$10 million), and Paperboard (57.1%; \$68 million; 108,921 tonnes) were the most significant within Canada's economy.

REPORT ON THE 1984  
MILL LICENCE RETURNS



MILL OPERATIONS LICENSED, 1984

Districts and Regions	No. of Mill Operations Licensed, by Classification									Totals
	A to F	G	H	I	J	K	L	M	N	
Dryden	3		1	6		2				12
Fort Frances	4		1	28	3					36
Ignace				2	1					3
Kenora	3		1	10	2	1				17
Red Lake				3						3
Sioux Lookout				5	3	3				11
NORTHWESTERN REGION	10		3	54	9	6				82
Atikokan					3	1			1	5
Geraldton				4		1			2	7
Nipigon			1	2					1	4
Terrace Bay	1		2			1				4
Thunder Bay	3		4	37	2	6			2	54
NORTH CENTRAL REGION	4		7	43	5	9			6	74
Chapleau	2				1	3				6
Cochrane	1		2	6	1	2			1	13
Gogama					1	1				2
Hearst						6			2	8
Kapuskasing	1		1	2	3	5				12
Kirkland Lake	3			20	4	2			1	30
Moosonee										-
Timmins	1			4	3	2			1	11
NORTHERN REGION	8		3	32	13	21			5	82
Blind River	2			8	1				2	13
Espanola			1	37		1				39
North Bay			2	16	4	1			1	24
Sault Ste. Marie			1	29	1	2			3	36
Sudbury	7			26	5	1				39
Temagami	1			2	1	2			1	7
Wawa				3	1	2				6
NORTHEASTERN REGION	10		4	121	13	9			7	164
Algonquin Park					1	1				2
Bancroft				20	3	3				26
Bracebridge	2			19	1				2	24
Minden				7	1			1		9
Parry Sound				18						18
Pembroke	3			36	15	3			2	59
ALGONQUIN REGION	5			100	21	7		1	4	138

Continued on next page

Districts and Regions	No. of Mill operations Licensed, by Classification									Totals
	A to F	G	H	I	J	K	L	M	N	
Brockville				26						26
Carleton Place	4			31	1					36
Cornwall			1	8	1	1				11
Napanee	2		1	14	1					18
Tweed				24					1	25
EASTERN REGION	6		2	103	3	1			1	116
Cambridge				20	1				2	23
Huronía				23						24
Lindsay				20						20
Maple				7	1					8
Niagara			1	8		1				10
CENTRAL REGION			1	78	3	1			2	85
Aylmer	1			10						11
Chatham				14						14
Owen Sound	1			22	1	1			2	27
Simcoe				7	3					10
Wingham				15	1					16
SOUTHWESTERN REGION	2			68	5	1			2	78
TOTAL ONTARIO 1984	45	-	20	599	72	55		1	27	819
TOTAL ONTARIO 1983	44	-	20	613	88	58		3	22	848
TOTAL ONTARIO 1982	68	-	21	593	87	59	-	5	21	854
TOTAL ONTARIO 1981	50	-	21	608	85	60	1	3	21	849
TOTAL ONTARIO 1980	38	-	21	648	96	60	2	3	26	894

Legend

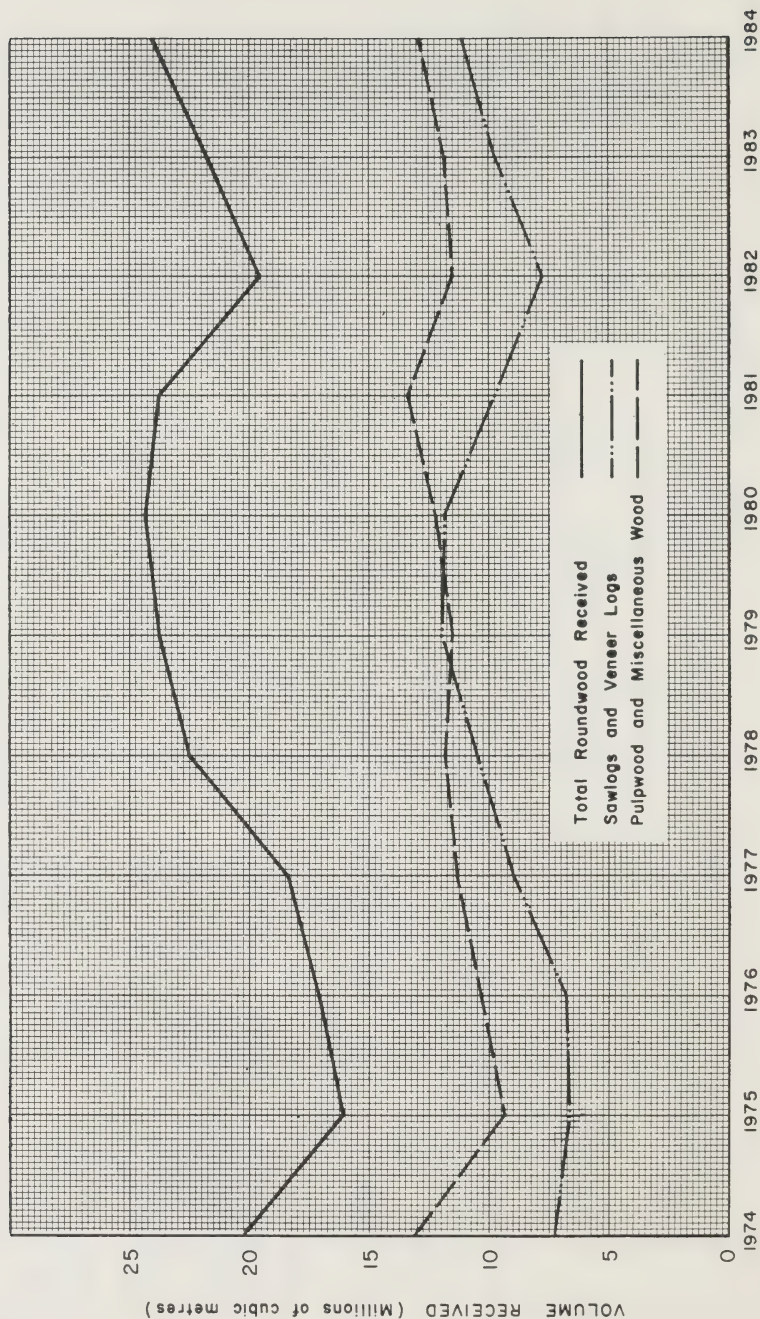
- A to F Laths, pickets, shingles, staves, headings and hoops, ties.  
G Pulp - Up to 50 tons.  
H Pulp - Over 50 tons.  
I Lumber - Up to 10 M.B.M.  
J Lumber - From 10 M.B.M. to 50 M.B.M.  
K Lumber - Over 50 M.B.M.  
L Veneer - Up to 10 M sq. ft.  
M Veneer - From 10 M sq. ft.  
N Veneer - Over 50 M sq. ft.

(Mills classified by type of major product and capacity per eight-hour shift)



Regions	Sawlogs & Veneer Logs (cubic metres)				Pulpwood & Miscellaneous (cubic metres)				Total Roundwood
	<u>Crown</u>	<u>Patent</u>	<u>Other</u>	<u>Sub-Total</u>	<u>Crown</u>	<u>Patent</u>	<u>Other</u>	<u>Sub-Total</u>	
Northwestern Region	694 836	161 122	-	855 958	2 563 595	154 321	196 308	2 914 224	3 770 182
North Central Region	2 153 857	91 012	11 446	2 256 315	5 707 601	324 863	190 538	6 223 002	8 479 317
Northern Region	3 540 665	192 771	8 125	3 741 561	1 292 449	273 086	-	1 565 535	5 307 096
Northeastern Region	1 993 829	256 776	55 857	2 306 462	637 073	245 879	56 166	939 118	3 245 580
Algonquin Region	714 339	451 521	138 066	1 303 926	-	-	-	-	1 303 926
Eastern Region	11 288	114 767	77 432	203 487	99 595	195 065	364 273	658 933	862 420
Central Region	395	193 988	17 870	212 253	628 997	4 082	4 371	637 450	849 703
Southwestern Region	58	237 163	26 866	264 087	-	-	-	-	264 087
TOTAL ONTARIO 1984	9 109 267	1 669 120	335 662	11 144 049	10 929 310	1 197 296	811 656	12 938 262	24 082 311
TOTAL ONTARIO 1983	8 157 229	1 648 134	398 032	10 203 395	10 266 024	894 567	648 529	11 809 120	22 012 515
TOTAL ONTARIO 1982	6 336 628	1 489 489	184 814	8 010 931	9 030 014	904 019	912 004	10 846 037	18 856 968
TOTAL ONTARIO 1981	8 074 555	2 106 370	284 632	10 465 557	10 221 140	1 089 400	1 131 849	12 442 389	22 907 946
TOTAL ONTARIO 1980	8 023 170	2 245 167	251 344	10 519 681	10 069 631	1 147 641	1 274 479	12 491 751	23 011 432
TOTAL ONTARIO 1984 (cunfts)	3 216 918	600 022	118 542	3 935 482	3 859 689	422 825	286 639	4 569 153	8 504 635

VOLUME OF ROUNDWOOD RECEIVED  
AS REPORTED BY LICENSED MILLS 1974 - 84



REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1984  
(thousands of cubic metres)

Regions	Softwood					Hardwood					Total Lumber — All Species	Ties Timbers, etc.	
	Spruce Balsam & Jack Pine	Red White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods			Mixed Hardwoods
Northwestern Region	340.21	10.77	-	1.2	352.18	-	-	-	0.67	0.98	-	1.65	9.83
North Central Region	835.31	13.17	-	0.75	849.23	4.18	0.12	-	0.21	0.01	-	4.53	24.56
Northern Region	1 476.27	16.67	-	1.5	1 494.45	0.34	-	-	6.58	0.01	-	6.93	0.25
Northeastern Region	639.09	216.86	7.58	3.7	867.23	28.8	4.87	68.94	2.76	2.49	-	107.86	4.68
Algonquin Region	40.52	249.53	34.31	3.74	328.11	29.38	15.0	-	61.89	31.93	3.98	247.62	21.75
Eastern Region	3.61	23.59	2.37	6.05	35.63	1.88	6.7	17.38	2.51	18.37	0.75	47.59	0.14
Central Region	0.54	33.32	3.16	4.9	41.92	1.46	14.87	17.05	2.95	9.04	15.75	61.12	8.77
Southwestern Region	0.27	2.15	0.75	0.31	3.48	5.19	10.22	37.31	2.39	25.32	28.45	108.88	3.19
TOTAL ONTARIO 1984	3 335.83	566.07	48.17	22.15	3 972.22	71.23	51.79	246.13	79.96	88.14	48.92	586.17	73.15
TOTAL ONTARIO 1984 (millions of ftm)	1 413.69	239.9	20.41	9.38	1 683.39	30.19	21.95	104.31	33.89	37.35	20.73	248.43	31.00

NOTE: Entries may not add due to rounding.

REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1980-1984

(thousands of cubic metres)

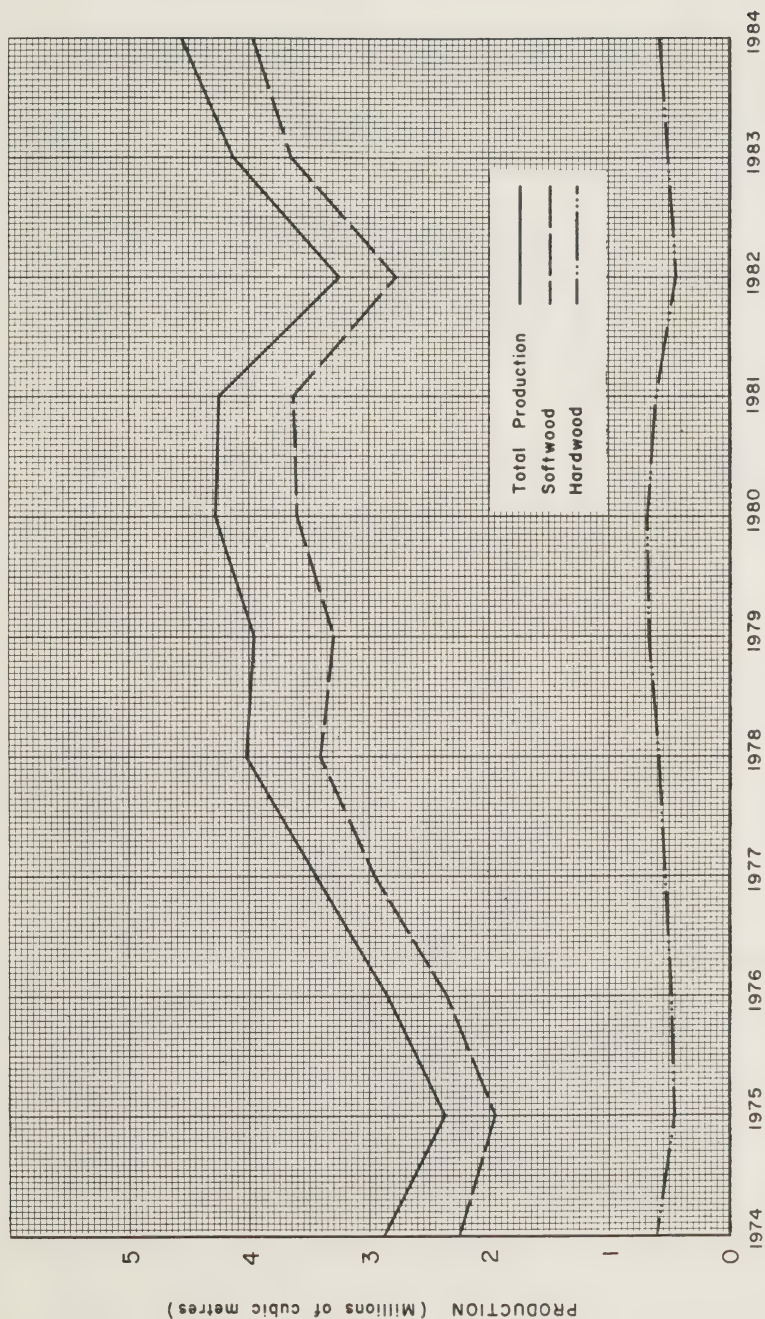
	Spruce Balsam & Jack Pine	Red & White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods	Mixed Hardwoods	Total Hardwoods	Total Lumber -- All Species	Ties Timbers etc.
TOTAL ONTARIO 1984	3 335.83	566.07	48.17	22.15	3 972.22	71.23	51.79	246.13	79.96	88.14	48.92	586.17	4 558.39	73.15
TOTAL ONTARIO 1983	2 988.65	521.44	48.97	13.46	3 572.52	52.62	40.22	258.08	76.85	67.72	21.62	517.11	4 089.63	23.11
TOTAL ONTARIO 1982	2 356.49	382.06	44.49	9.91	2 792.95	48.70	34.97	208.37	57.58	93.53	8.33	451.48	3 244.43	57.42
TOTAL ONTARIO 1981	3 150.95	431.21	69.45	17.54	3 669.15	76.65	37.27	279.22	64.11	111.89	12.15	581.31	4 250.46	91.41
TOTAL ONTARIO 1980	2 989.68	526.87	60.30	33.85	3 610.71	70.63	36.72	300.59	63.89	123.65	63.03	658.53	4 269.24	56.08
TOTAL ONTARIO 1984 (millions of fbm)	1 413.69	239.9	20.41	9.38	1 683.39	30.19	21.95	104.31	33.89	37.35	20.73	268.43	1 931.82	31.00

NOTE: Entries may not add due to rounding.



# REPORTED PRODUCTION OF SAWMILLS IN ONTARIO

1974 - 84





REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1984

<u>Regions and Districts</u>	<u>Mill Licensee*</u>	<u>Location</u>
NORTHWESTERN REGION		
Dryden	Devlin Timber Limited	Dryden
	Great Lakes Forest Products Ltd.	Dryden
Fort Frances	Manitou Lumber Co.	Emo
Ignace	R.W. Kangas Ltd.	Ignace
Kenora	Boise Cascade Canada Ltd.	Kenora
	Trilake Timber Ltd.	Kenora
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Atikokan Forest Products Inc.	Sapawa
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Inwood Forest Products Ltd.	Upsala
	Kakabeka Timber Ltd.	Kakabeka Falls
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
	Pineal Lake Lumber Co. Ltd.	Pineal Lake
Cochrane	Abitibi-Price Inc.	Smooth Rock Falls
	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Lecours Lumber Co. Ltd.	Calstock
	Levesque Plywood Ltd.	Hearst
	Newaygo Forest Products Ltd.	Mead
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Kirkland Lake	Cheminis Lumber Ltd.	Kearns
	Elk Lake Planing Mill Ltd.	Elk Lake
	Normick Perron Inc.	Kirkland Lake
	Wm. Pollock & Sons Ltd.	Englehart
Timmins	E.B. Eddy Forest Products Ltd.,	
	McChesney Lumber Division	Timmins
	Malette Lumber Inc.	Timmins

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1984

<u>Regions and Districts</u>	<u>Mill Licensee*</u>	<u>Location</u>
NORTHEASTERN REGION		
Blind River	Blind River Veneer Ltd. Midway Lumber Mills Ltd.	Blind River Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	L. Brun Co. Ltd. Field Lumber (1956) Ltd. Giroux & Vezina Ltd. Goulard Lumber (1971) Ltd. G.W. Martin Lumber Ltd. Odorizzi Lumber Co. Ltd.	Field Field Field Sturgeon Falls Mattawa Golden Valley
Sault Ste. Marie	Lajambe Forest Products Ltd. Lajambe Forest Products Ltd. G.W. Martin Lumber Ltd. Weldwood of Canada Ltd.	Garden River Heyden Sault Ste. Marie Searchmont
Sudbury	H & R Chartrand Falconbridge Nickel Mines Ltd. R. Fryer Forest Products Ltd. Lahaie Lumber Ltd. G.W. Martin Lumber Ltd. Isidore Roy Ltd.	Noelville Falconbridge Monetville Alban Alban Hagar
Temagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Dontar Inc. Dubreuil Brothers Ltd.	White River Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mills Ltd. Murray Brothers Lumber Co. Ltd.	Whitney Barry's Bay
Bancroft	Freymond Lumber Ltd. Jan Lumber Co. Ltd. L'Amable Lumber Ltd. G.W. Martin Lumber Ltd.	Bancroft L'Amable L'Amable Harcourt
Bracebridge	Kearney Lumber (1981) Ltd. Lajambe Forest Products Ltd. Weldwood of Canada Ltd.	Kearney Sundridge Huntsville
Minden	M.W. Hunter Lumber Ltd.	Gooderham
Parry Sound	Jamot Lumber Co. Ltd. Roy's Lumber & Mining Timber	Pakesley Britt
Pembroke	Carson Lake Lumber Ltd. Consolidated-Bathurst Inc. Dament & Charles Lumber Mfg. Ltd. Dament/Neuman/Pembroke Lumber Co. Gulick Forest Products Ltd. Lavern Heideman & Sons Ltd.	Pembroke Braeside Pembroke Pembroke Palmer Rapids Eganville

Algonquin Region Continued in next page.

# REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1984

<u>Regions and Districts</u>	<u>Mill Licensee*</u>	<u>Location</u>
ALGONQUIN REGION (Continued)		
Pembroke	Hogan Lake Timber Ltd. Ben Hokum & Sons Ltd. Carman Lambert G.W. Martin Lumber Ltd. Thomas J. Neuman Ltd. J.H. Smith & Son George Stein Ltd. Ivan Valliers	Pembroke Killaloe R.R. #5, Eganville Eganville Palmer Rapids Cobden Palmer Rapids Richard Twp.
EASTERN REGION		
Carleton Place	Byway Lumber Ltd. O.E. Rothwell Lumber Ltd.	Perth Lanark
Cornwall	Albert Larocque Lumber Ltd. Ken McLennan Sawmill Ltd.	Hawkesbury Dalkeith
Napanee	Chisholm's (Roslin) Ltd.	Roslin
CENTRAL REGION		
Cambridge	Cherry Forest Products Ltd. Edgewood Lumber Ltd. W.G. Hallman Lumber Ltd. Parkinson's Sawmill Ltd.	Guelph Hawkesville Petersburg Guelph
Huron Maple	J.W. Robinson Ltd. Brouwer Wood Products M.G. Slater	Shelburne Keswick Gormley
Niagara	Giant Timber Industries Ltd. Ratkovsky & Son Ltd.	Stoney Creek St. Catharines
SOUTHWESTERN REGION		
Aylmer	Shelly's Sawmill Inc. Wm. J. Sills Lumber Ltd.	Wallace Town Strathroy
Chatham	All-Weather Wood Products Ltd. George Coultis & Son Ltd.	Watford Thedford
Owen Sound	W.G. Hallman Lumber Ltd. Klemmer Lumber Ltd. RKM Wood Products Ltd.	Walter's Falls Elmwood Tiverton
Simcoe	Abbott & Townsend Lumber Inc. Henry Engenski Lumber Porter Lumber Ltd.	Langton Scotland Port Dover
Wingham	Craig Hardwoods Ltd. R.J. Dungey & Sons Ltd. B.E. Grein Lumber Ltd. J.H. Keeso & Sons Ltd.	Auburn Mitchell Ayton Listowel

\* Mills sawing 2 4000 cubic metres and over.

ONTARIO SAWMILLS RANKED IN ORDER OF 1984 LUMBER PRODUCTION

	<u>Mill Licensee</u>	<u>Location</u>	<u>Region</u>
1. (10)	E.B. Eddy Forest Products Ltd.	Nairn	Northeastern
2. (1)	Great Lakes Forest Products Ltd.	Thunder Bay	North Central
3. (6)	Northern Wood Preservers Inc.	Thunder Bay	North Central
4. (2)	McKenzie Forest Products Inc.	Hudson	Northwestern
5. (3)	Great West Timber Ltd.	Thunder Bay	North Central
6. (22)	Great Lakes Forest Products Ltd.	Dryden	Northwestern
7. (4)	Dubreuil Brothers Ltd.	Dubreuilville	Northeastern
8. (24)	Domtar Inc. (formerly Abitibi-Price Inc.)	White River	Northeastern
9. (5)	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing	Northern
10. (7)	Malette Lumber Inc.	Timmins	Northern
11. (9)	Normick Perron Inc.	Cochrane	Northern
12. (12)	Custom Sawmill (Hearst) Ltd.	Hearst	Northern
13. (11)	Consolidated-Bathurst Inc.	Braeside	Algonquin
14. (15)	Elk Lake Planing Mill Ltd.	Elk Lake	Northern
15. (13)	Normick Perron Inc.	Kirkland Lake	Northern
16. (14)	Atikokan Forest Products Inc.	Sapawe	North Central
17. (25)	Chapleau Forest Products Ltd.	Chapleau	Northern
18. (8)	United Sawmill Ltd.	Hearst	Northern
19. (18)	E.B. Eddy Forest Products Ltd.	Timmins	Northern
20. (16)	Kimberly-Clark of Canada Ltd.	Longlac	North Central
21. (17)	Lecours Lumber Co. Ltd.	Calstock	Northern
22. (31)	A. & L. Lafreniere Lumber Ltd.	Chapleau	Northern
23. (19)	Abitibi-Price Inc.	Smooth Rock Falls	Northern
24. (-)	Kimberly-Clark of Canada Ltd.	Terrace Bay	North Central
25. (20)	G.W. Martin Lumber Ltd. (formerly Weyerhaeuser Canada Ltd.)	Sault Ste. Marie	Northeastern
26. (28)	Murray Brothers Lumber Co. Ltd.	Barry's Bay	Algonquin
27. (23)	J.E. Martel & Sons Lumber Ltd.	Chapleau	Northern
28. (29)	Wm. Milne & Sons Ltd.	Temagami	Northeastern
29. (-)	G.W. Martin Lumber Ltd.	Eganville	Algonquin
30. (32)	Isabelle Brothers Ltd.	Opasatika	Northern
31. (30)	G.W. Martin Lumber Ltd.	Mattawa	Northeastern
32. (-)	G.W. Martin Lumber Ltd.	Alban	Northeastern
33. (36)	Weldwood of Canada Ltd.	Huntsville	Algonquin
34. (27)	G.W. Martin Lumber Ltd.	Harcourt	Algonquin
35. (37)	Midway Lumber Mills Ltd.	Thessalon	Northeastern
36. (-)	Giant Timber Industries Ltd.	Stoney Creek	Central
37. (39)	McRae Mills Ltd.	Whitney	Algonquin
38. (-)	Ben Hokum & Sons Ltd.	Killaloe	Algonquin
39. (38)	Albert Larocque Lumber Ltd.	Hawkesbury	Eastern
40. (-)	L'Amable Lumber Ltd.	L'Amable	Algonquin

Note: Number within parentheses denotes 1983 ranking.

# ONTARIO PANELBOARD PRODUCTION, 1979 - 1984

(cubic metres)

Product	1979	1980	1981	1982	1983	1984	M ft <sup>2</sup> 5/8" basis 1984
Veneer	161 361	186 319	179 350	159 008	196 756	197 441	133 865
Plywood	128 539	121 027	124 511	89 267	99 814	105 425	71 477
Particleboard	284 814	318 272	320 811	235 348	256 207	235 453	159 637
Waferboard	377 885	316 411	339 591	258 644	460 195	557 377	377 902
Total*	791 238	755 710	784 913	583 259	826 216	898 255	609 016

\* Total panelboard production figures do not include veneer.



ONTARIO PANELBOARD PRODUCERS, 1984

<u>Producers</u>	<u>Location</u>	<u>District</u>
------------------	-----------------	-----------------

Plywood and Veneer

* Birchland Veneer Ltd.	Thessalon	Blind River
* Blind River Veneer Ltd.	Blind River	Blind River
Canada Veneers Ltd.	Pembroke	Pembroke
* D.A. Clarke Veneers Ltd.	South River	Bracebridge
* Eddy Match Co. Ltd.	Pembroke	Pembroke
Forest Ply Ltd.	Gravenhurst	Bracebridge
* Interforest Ltd.	Durham	Owen Sound
Levesque Plywood Ltd.	Hearst	Hearst
** MacMillan Bloedel Ltd.	Nipigon	Nipigon
* G.W. Martin Veneer Ltd.	Rutherglen	North Bay
G.W. Martin Veneer Ltd.	Tweed	Tweed
G.W. Martin Veneer Ltd.	Sault Ste. Marie	Sault Ste. Marie
** Normick Perron Inc.	Cochrane	Cochrane
* Oakville Wood Specialties Ltd.	Oakville	Cambridge
* Pannill Veneer Co. Ltd.	Kitchener	Cambridge
Superior Hardwood Veneer	Sault Ste. Marie	Sault Ste. Marie
** Weldwood of Canada Ltd.	Longlac	Geraldton
Weldwood of Canada Ltd.	Searchmont	Sault Ste. Marie
* Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce	Minden

Particleboard - Interior Grade

Domtar Inc.	Huntsville	Bracebridge
Levesque Plywood Ltd.	Hearst	Hearst
Pluswood Manufacturing Ltd.	Atikokan	Atikokan
Rexwood Products Ltd.	New Liskeard	Temagami

Waferboard

Grant Waferboard Ltd.	Englehart	Kirkland Lake
Great Lakes Forest Products Ltd.	Thunder Bay	Thunder Bay
MacMillan Bloedel Ltd.	Thunder Bay	Thunder Bay
Waferboard Corporation Ltd.	Timmins	Timmins
Weldwood of Canada Ltd.	Longlac	Geraldton

Note: \* Veneer only

\*\* Plywood only

PRODUCTION OF ONTARIO PULP AND PAPER MILLS, 1980-84

(metric tonnes)

Wood Pulp\*

Year	Groundwood	Sulphite	Sulphate	Other Pulp	Total Pulp
1984	1 288 621	640 729	1 765 516	416 530	4 111 396
1983	1 186 714	473 475	1 716 436	395 954	3 772 579
1982	1 150 642	379 413	1 561 462	231 057	3 322 574
1981	1 453 961	497 349	1 732 390	267 298	3 950 998
1980	1 486 703	536 575	1 799 143	185 146	4 007 567

Paper\*\*

	Newsprint	Other Paper/ Paperboard	Total Paper/ Paperboard
	1 824 790	1 122 528	2 947 318
	1 651 547	1 039 853	2 691 400
	1 511 563	952 522	2 464 085
	1 809 465	1 001 097	2 810 562
	1 788 666	1 077 539	2 866 205
1984 tons	2 011 483	1 237 372	3 248 855

\* Wood pulp production includes product of both integrated pulp and paper mills and non-integrated pulp mills.

\*\* Paper production does not include products of non-integrated paper mill.

REPORT ON THE 1984

BARK AND WOOD RESIDUES PRODUCTION AND CONSUMPTION



# REGIONAL PRODUCTION - CONSUMPTION STATISTICS

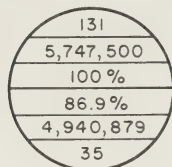
## ONTARIO - PRODUCED PULPCHIPS

### 1984

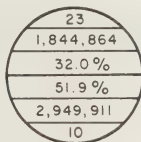
MANITOBA



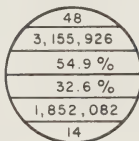
ONTARIO TOTALS



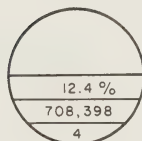
NORTHWESTERN  
AND NORTH CENTRAL  
REGIONS



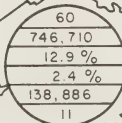
NORTHERN AND  
NORTHEASTERN  
REGIONS



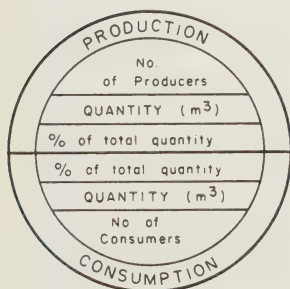
QUEBEC



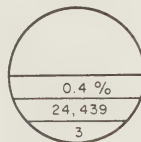
ALGONQUIN,  
EASTERN, CENTRAL  
AND SOUTHWESTERN  
REGIONS



KEY

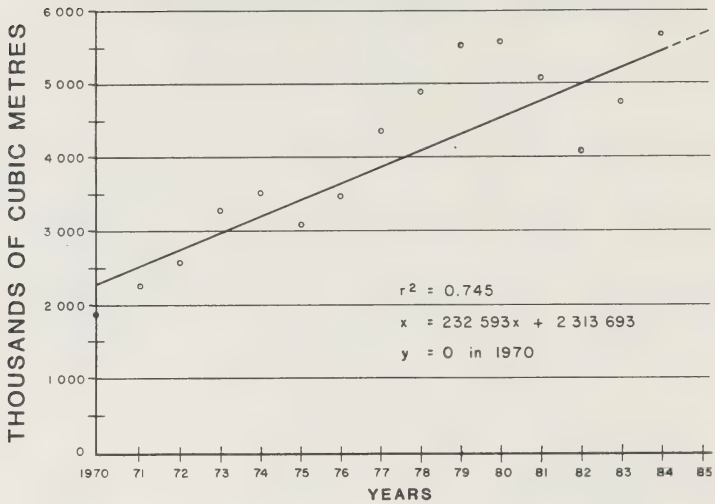


U. S. A.



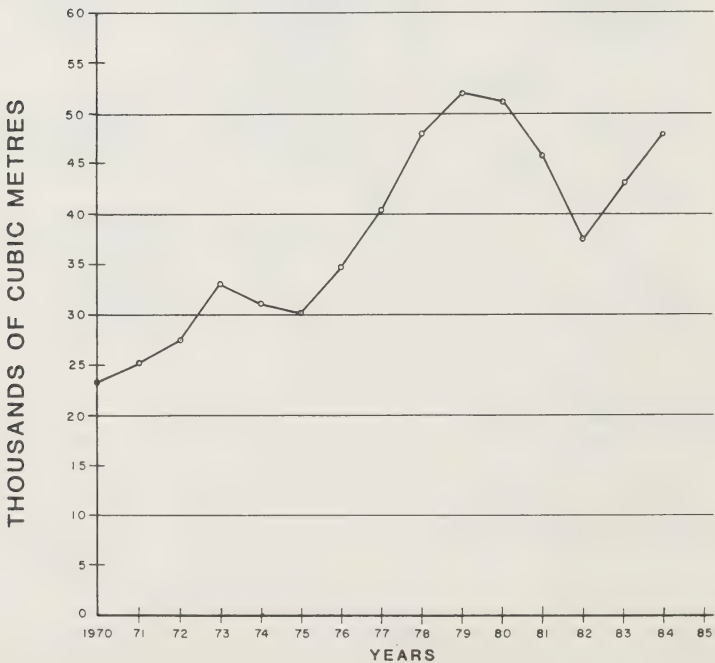
## TOTAL PULPCHIP SHIPMENTS

ONTARIO, 1970 - 84



## MEAN SHIPMENT BY CHIP-PRODUCING MILLS

ONTARIO, 1970 - 84





SELECTED PULPCHIP STATISTICS:  
SHIPMENTS BY ONTARIO SAWMILLS AND VENEER MILLS, 1977-84  
(All volumes in cubic metres)

Calendar Year	1977	1978	1979	1980	1981	1982	1983	1984	1984 metric tonnes
Quantity of Pulpchips Produced	N/A	N/A	420 814	5 612 107	5 051 645	3 948 243	4 845 196	5 747 500	2 166 824
No. of Mills Shipping Pulpchips	107	102	106	109	111	109	110	116	116
Quantity of Pulpchips Shipped	4 336 726	4 888 488	5 382 339	5 459 384	4 907 706	3 755 278	4 697 022	5 636 282	2 124 894
Increase in Quantity Shipped Over Previous Year	883 381	551 762	493 851	77 045	(551 678)	(1 152 428)	941 744	939 260	354 104
Percentage Change in Shipping Over Previous Year	26.6	12.7	10.1	1.4	(10.1)	(23.5)	25.1	20.0	20.0
Average Shipment Per Mill	40 530	47 927	50 776	51 994	48 114	37 552	44 733	48 588	18 318
No. of Pulp Mills Purchasing Chips	22	24	26	28	27	26	23	22	22
No. of Other Mills Purchasing Chips	2	1	1	2	2	3	6	5	5

N/A Figure not available  
( ) Denotes negative value

SELECTED SHAVINGS STATISTICS:  
SHIPMENTS BY ONTARIO SAWMILLS, 1977-84  
(All volumes in cubic metres)

Calendar Year	1977	1978	1979	1980	1981	1982	1983	1984	1984 metric tonnes
Quantity of Shavings Produced	N/A	N/A	N/A	765 131	899 655	784 490	944 142	987 194	372 175
No. of Mills Shipping Shavings	32	33	31	51	78	69	69	52	52
Quantity of Shavings Shipped	212 334	296 233	469 842	593 015	587 971	378 360	370 793	515 445	194 324
Changes in Quantity Shipped Over Previous Year	(81 646)	83 899	173 609	165 321	(5 044)	(209 611)	(7 567)	142 652	54 534
Percentage Change in Shipping Over Previous Year	(27.8)	39.5	58.6	38.7	(0.9)	(35.6)	(2.0)	39.0	39.0
Average Shipment Per Mill	6 636	8 977	15 156	11 404	11 759	6 637	7 415	9 912	3 737
No. of Mills Purchasing Shavings	11	14	18	17	20	18	15	20	20
Volume of Industrial Consumption	180 955	250 234	408 140	287 849	253 427	214 772	259 917	303 835	114 547
Volume of Agricultural or Landscaping Use	31 379	38 484	34 359	47 559	29 538	60 366	55 087	31 836	12 002
Unutilized	73 488	275 418	37 341	97 537	216 924	111 736	237 418	410 577	154 789
Internal Fuel Consumption	-	7 514	27 343	330 039	383 994	397 354	388 165	240 785	90 777

N/A Figures not available.  
( ) Denotes negative value.

SELECTED HOG FUEL STATISTICS:  
SHIPMENTS BY ONTARIO MILLS, 1982-1984  
(All volumes in cubic metres)

Calendar Year	1977	1978	1979	1980	1981	1982	1983	1984	1984 metric tonnes
Quantity of Hog Fuel Produced						253 450	1 125 217	1 956 320	737 560
No. of Mills Shipping Hog Fuel						6	8	29	29
Quantity of Hog Fuel Shipped						129 250	434 274	866 009	333 943
Changes in Quantity Shipped Over Previous Year							305 024	431 735	162 724
Percentage Change in Shipping Over Previous Year							235.9	99.4	99.4
Average Shipment Per Mill						21 541	54 284	29 862	11 255
No. of Mills Purchasing Hog Fuel							10	10	10
Volume of Industrial Consumption						44 970	434 274	127 672	48 133
Volume of Agricultural or Landscaping Use						-	-	5 874	2 214
Unutilized						1 184	68 043	429 616	161 925
Internal Fuel Consumption						207 296	622 900	1 393 158	525 225

N/A Figures not available.  
( ) Denotes negative value.  
Figures not available prior to 1982.

SELECTED SAWDUST STATISTICS:  
SHIPMENTS BY ONTARIO SAWMILLS, 1977-84  
(All volumes in cubic metres)

Calendar Year	1977	1978	1979	1980	1981	1982	1983	1984	1984 metric tonnes
Quantity of Sawdust Produced	N/A	N/A	1 263 506	1 545 770	1 591 773	1 126 173	1 302 491	1 401 664	528 431
No. of Mills Shipping Sawdust	43	46	48	73	88	87	90	91	91
Quantity of Sawdust Shipped	230 603	285 349	320 718	582 285	562 105	343 968	534 333	681 633	256 977
Changes in Quantity Shipped Over Previous Year	130 665	54 746	35 369	261 567	(20 180)	(218 137)	190 365	147 300	55 533
Percentage Change in Shipping Over Previous Year	130.7	23.7	12.4	81.6	(3.5)	(38.8)	55.3	27.6	27.6
Average Shipment Per Mill	5 363	6 203	6 681	7 976	6 387	3 953	5 937	7 490	2 824
No. of Mills Purchasing Sawdust	7	13	16	21	17	14	19	21	21
Volume of Industrial Consumption	193 089	258 405	61 236	85 823	148 479	132 643	179 884	201 592	76 001
Volume of Agricultural or Landscaping Use	35 830	26 943	76 163	101 843	100 152	83 366	104 522	202 324	76 277
Unutilized	142 281	156 270	810 451	701 588	682 916	284 221	429 990	554 401	209 012
Internal Fuel Consumption	1 685	-	221 542	647 924	659 685	581 955	586 410	441 535	166 460

N/A Figures not available.  
( ) Denotes negative value.

SELECTED BARK STATISTICS:  
SHIPMENTS BY ONTARIO SAWMILLS, 1977-84  
(All volumes in cubic metres)

Calendar Year	1977	1978	1979	1980	1981	1982	1983	1984	1984 metric tonnes
Quantity of Bark Produced	N/A	3 358 909	N/A	3 314 313	3 285 301	2 278 763	2 522 264	2 860 393	1 078 376
No. of Mills Shipping Bark	N/A	36	N/A	29	28	33	40	36	36
Quantity of Bark Shipped	N/A	248 279	N/A	373 185	468 858	269 500	539 427	317 520	119 706
Changes in Quantity Shipped Over Previous Year	N/A	N/A	N/A	N/A	95 673	(199 358)	269 927	(221 907)	(83 660)
Percentage Change in Shipping Over Previous Year	N/A	N/A	N/A	N/A	25.6	(42.5)	100.2	(41.1)	(41.1)
Average Shipment Per Mill	N/A	6 896	N/A	12 868	16 744	8 166	13 485	8 820	3 325
No. of Mills Purchasing Bark	N/A	12	N/A	14	11	11	18	17	17
Volume of Industrial Consumption	N/A	264 403	N/A	24 166	98 632	164 408	287 291	190 937	71 984
Volume of Agricultural or Landscaping Use	N/A	27 848	N/A	20 857	38 181	12 823	33 773	24 290	9 157
Unutilized	N/A	1 182 959	N/A	1 292 492	1 381 370	775 021	1 084 063	1 442 220	543 721
Internal Fuel Consumption	N/A	1 883 669	N/A	1 938 592	1 669 296	1 178 720	1 064 858	1 199 713	452 295

N/A Figures not available.  
( ) Denotes negative value.

INTER-REGIONAL SHIPMENTS OF PULP CHIPS, 1984

(cubic metres)

Area of Consumption Region of Production	Percentage of Total Production	Total Production										Internal Energy	Other Use	Agriculture	To Inventory	Waste
		Northwestern	North Central	Northern	Northeastern	Algonquin, Eastern, Central and Southwestern	Province of Quebec	United States of America	Internal Energy	Other Use	Agriculture					
MNR Region of Production	10.3	597 284	155 893	-	-	-	-	-	-	-	-	-	-	-	-	9 802
	21.7	1 247 550	1 114 528	-	-	-	-	-	-	-	-	-	-	-	-	5 860
	33.4	1 920 021	703 663	793 557	302 173	-	-	-	-	-	-	-	-	-	-	-
	28.5	1 525 000	411 586	-	682 575	-	-	-	-	-	-	-	-	-	-	4 170
	1.2	568 590	-	-	23 379	8 547	104 109	13 238	50 598	-	-	-	-	-	-	10 185
MNR Region of Production	1.2	70 304	-	-	48 159	-	-	-	-	-	-	-	-	-	-	1 185
	1.0	61 032	-	-	26 397	-	-	-	-	-	-	-	-	-	-	30 264
	1.0	46 784	-	-	14 591	-	-	-	-	-	-	-	-	-	-	19 927
	99.7	5 747 500	-	-	1 007 927	97 694	721 921	24 439	50 598	359	41 900	-	-	-	-	57 436
	TOTAL ONTARIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MNR Region of Production	5 747 500	563 574	2 385 270	793 557	1 007 927	97 694	721 921	24 439	50 598	359	41 900	-	-	-	-	57 436
	- 60 261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5 687 239	9.9	41.9	14.0	17.7	1.7	12.7	-6	-9	-0	-7	-	-	-	-	-
	Shipments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Percentage of Shipments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metric tonnes TOTAL ONTARIO	2 166 277	212 416	899 030	299 098	379 893	36 821	272 098	9 210	19 070	135	15 793	-	-	-	-	21 648
	2 166 277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- 22 713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2 143 564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shipments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



(cubic metres)

- 35 -

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/Landscaping	Other			
Northwestern	58 239	3 322	-	214	-	18 769	35 934	-
North Central	226 933	130 017	-	-	-	22 697	74 219	-
Northern	537 325	253 694	15 121	2 756	-	16 063	240 972	8 719
Northeastern	79 846	15 281	24 940	8 019	-	3 482	28 119	5
Algonquin	59 154	41 234	-	4 366	-	-	13 554	-
Eastern	12 143	-	-	11 982	161	-	-	-
Central	7 869	-	-	4 499	-	-	3 370	-
Southwestern	5 685	-	-	-	-	-	5 685	-
ONTARIO PRODUCTION	987 194							
CONSUMPTION		443 548	40 061	31 836	161	61 011	401 853	8 724

REGIONAL PRODUCTION AND CONSUMPTION OF HOGFUEL, 1984

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/Landscaping	Other			
Northwestern	210 964	-	-	-	-	210 964	-	-
North Central	498 712	395 171	-	-	-	103 541	-	-
Northern	1 008 493	115 943	247 945	763	-	217 414	426 428	-
Northeastern	176 224	50 946	-	4 008	-	119 586	1 174	510
Algonquin	2 205	-	-	1 103	-	-	1 103	-
Eastern	-	-	-	-	-	-	-	-
Central	11 099	-	10 575	-	-	524	-	-
Southwestern	48 623	-	39 555	-	-	8 666	386	16
ONTARIO PRODUCTION	1 956 320							
CONSUMPTION		562 060	298 075	5 874	-	660 690	429 090	526

REGIONAL PRODUCTION AND CONSUMPTION OF SAWDUST, 1984

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/Landscaping	Other			
Northwestern	41 410	7 738	-	1 735	-	-	31 937	-
North Central	184 364	161 371	-	-	-	16 044	5 886	63
Northern	609 938	179 159	17 518	3 175	-	52 613	357 473	-
Northeastern	246 851	59 150	8 385	996	-	92 771	63 762	21 787
Algonquin	170 677	36 069	3 791	106 200	-	-	24 617	-
Eastern	38 192	-	1793	17 622	1 812	-	16 746	219
Central	40 951	-	-	29 948	-	-	11 003	-
Southwestern	69 281	-	3 335	42 648	-	2 390	20 548	360
ONTARIO PRODUCTION	1 401 664							
CONSUMPTION		444 487	34 822	202 324	1 812	163 818	531 972	22 429

REGIONAL PRODUCTION AND CONSUMPTION OF BARK, 1984

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/Landscaping	Other			
Northwestern	292 956	49 110	-	2 216	-	80 899	160 731	-
North Central	715 382	65 297	-	-	-	500 949	149 136	-
Northern	905 140	-	119 828	-	-	385 478	374 549	25 285
Northeastern	358 915	21 334	265	795	558	125 343	199 679	10 941
Algonquin	220 991	15 510	-	5	-	537	204 939	-
Eastern	192 931	-	8 182	9 355	-	-	175 394	-
Central	116 513	-	2 346	10 191	2 675	2 807	98 949	-
Southwestern	57 565	-	11 358	1 728	-	1 407	43 072	-
ONTARIO PRODUCTION	2 860 393							
CONSUMPTION		151 251	141 979	24 290	3 233	1 097 420	1 405 994	36 226

ONTARIO PULPCHIP PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
NORTHWESTERN REGION		
Dryden	Great Lakes Forest Products Ltd.	Dryden
	Dryden Residual	Dryden
Fort Frances	Fort Frances Residual	Fort Frances
	Manitou Lumber Co. Ltd.	Emo
Ignace	R.W. Kangas Ltd.	Ignace
Kenora	Boise Cascade Canada Ltd.	Kenora
	Peterson Lumber Co. Ltd.	Kenora
	Trilake Timber Co. Ltd.	Kenora
Red Lake	Red Lake Residual	Red Lake
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Atikokan Forest Products Inc.	Sapawe
	Foothills Timber Ltd.	Hematite
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
	Weldwood of Canada Ltd.	Longlac
Nipigon	MacMillan Bloedel Ltd.	Nipigon
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Inwood Forest Products Ltd.	Upsala
	Kakabeka Timber Ltd.	Kakabeka Falls
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
	Pineal Lake Lumber Co.	Pineal Lake
Cochrane	Abitibi-Price Inc.	Smooth Rock Falls
	Normick Perron Inc. (Sawmill)	Cochrane
	Normick Perron Inc. (Plywood Mill)	Cochrane
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Lecours Lumber Co. Ltd.	Calstock
	Levesque Plywood Ltd.	Hearst
	Manupan Ltd.	Calstock
	Newaygo Forest Products Ltd.	Mead
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing

ONTARIO PULPCHIP PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
NORTHERN REGION (Contd.)		
Kirkland Lake	E.B. Eddy Forest Products Ltd. Elk Lake Planing Mill Ltd. Lucien Menard Normick Perron Inc. Wm. Pollock & Sons Ltd. Malette Lumber Inc.	Timmins Elk Lake Belle Vallee Kirkland Lake Englehart Timmins
NORTHEASTERN REGION		
Blind River	Blind River Veneer Co. Ltd. Midway Lumber Mills Ltd.	Blind River Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	L. Brun Co. Ltd. Field Lumber (1956) Co. Ltd. James Gibson & Sons Ltd. Giroux & Vezina Ltd. Goulard Lumber (1971) Ltd. G.W. Martin Lumber Ltd. G.W. Martin Veneer Ltd. Odorizzi Lumber Co. Ltd.	Field Field North Bay Field Sturgeon Falls Mattawa Rutherglen Golden Valley Garden River Heyden
Sault Ste. Marie	Lajambe Forest Products Ltd. Lajambe Forest Products Ltd. G.W. Martin Lumber Ltd. G.W. Martin Veneer Ltd. Weldwood of Canada Ltd.	Sault Ste. Marie Sault Ste. Marie Searchmont
Sudbury	H & R Chartraud Lumber Ltd. Falconbridge Nickel Mines Ltd. R. Fryer Forest Products Ltd. Isidore Roy Lumber Ltd. Lahaie Lumber Ltd. G.W. Martin Lumber Ltd.	Noelville Falconbridge Monetville Hagar Alban Alban
Tamagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Domtar Inc. Dubreuil Brothers Ltd.	White River Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mills Ltd. Murray Brothers Lumber Co. Ltd.	Whitney Barry's Bay
Bancroft	Freymond Lumber Ltd. Jan Lumber Co. Ltd. L'Amable Lumber Ltd. G.W. Martin Lumber Ltd.	Bancroft L'Amable L'Amable Harcourt



ONTARIO PULPCHIP PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
ALGONQUIN REGION (Continued)		
Bracebridge	Kearney Lumber (1981) Ltd. Lajambe Forest Products Ltd. Weldwood of Canada Ltd.	Kearney Sundridge Huntsville
Minden	M.W. Hunter Lumber Ltd.	Gooderham
Parry Sound	Jamot Lumber Co. Ltd. Roy's Lumber & Mining Timber	Pakesley Britt
Pembroke	Carson Lake Lumber Ltd. Consolidated-Bathurst Inc. Dament & Charles Lumber Mfg. Ltd. Dament/Neuman/Pembroke Lumber Co. Gulick Forest Products Ltd. Lavern Heideman & Sons Ltd. Hogan Lake Timber Ltd. Ben Hokum & Sons Ltd. Carman Lambert G.W. Martin Lumber Ltd. Thomas J. Neuman Ltd. J.H. Smith & son George Stein Ltd. Ivan Valliers Yolkowskie Lumber Zigmond Bloskie	Pembroke Braeside Pembroke Pembroke Palmer Rapids Eganville Pembroke Killaloe R.R. #5, Eganville Eganville Palmer Rapids Cobden Palmer Rapids Richards Twp. Renfrew Wilno
EASTERN REGION		
Brockville	Brockville Residual	Brockville
Carleton Place	Byway Lumber Ltd. Carleton Place Residual O.E. Rothwell Lumber Co. Ltd.	Perth Carleton Place Lanark
Cornwall	Cornwall Residual Albert Larocque Lumber Ltd. Ken McLennan Sawmill Ltd.	Cornwall Hawkesbury Dalkeith
Napanee	Chisholm's (Roslin) Ltd.	Roslin
Tweed	Tweed Residual	Tweed
CENTRAL REGION		
Cambridge	Edgewood Lumber Ltd. W.G. Hallman Lumber Ltd. Parkinson's Saw Mill Ltd. Henry Slater & Co. Ltd.	Hawkesville Petersburg Guelph Waterdown
Huronía	Bass Lake Lumber Huronía Residual J.W. Robinson Ltd.	Orillia Huronía Shelburne
Lindsay	Fenelon Falls Lumber Ltd. Neilson Lumber Ltd.	Fenelon Falls Westwood
Maple	Brouwer Wood Prod. M.G. Slater Lumber	Keswick Gormley
Niagara	Giant Timber Industries Ltd.	Stoney Creek

ONTARIO PULPCHIP PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
SOUTHWESTERN REGION		
Aylmer	Shelley's Sawmill Inc. Wm. J. Sills Lumber Co. Ltd.	Wallacetown Strathroy
Chatham	All-Weather Wood Products Ltd. Geouge Coultis & Son Ltd.	Watford Thedford
Owen Sound	W.G. Hallman Lumber Ltd. Gordon McNabb Pallet Mfg.	Walter's Falls Hepworth
Simcoe	Abbott & Townsend Lumber Inc. Henry Engenski Porter Lumber	Langton Scotland Port Dover

PULP CHIP CONSUMERS, 1984

Consumers

Location

ONTARIO

Abitibi-Price Inc., Fort William Div.	Thunder Bay
Abitibi-Price Inc., Iroquois Falls Div.	Iroquois Falls
Abitibi-Price Inc., Smooth Rock Falls Div.	Smooth Rock Falls
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
Bio Shell Ltd.	Hearst
Boise Cascade Canada Ltd.	Fort Frances
Domtar Inc., Construction Materials Group	Huntsville
Domtar Inc., Fine Papers Division	Cornwall
Domtar Inc., Packaging Group	Trenton
Domtar Inc., Packaging Group	Red Rock
E.B. Eddy Forest Products Ltd.	Espanola
Field Lumber (1956) Ltd.	Field
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
I.K.O. Industries Ltd.	Brampton
James River-Marathon Ltd.	Marathon
Kimberly-Clark of Canada Ltd.	Terrace Bay
MacMillan Bloedel Ltd.	Sturgeon Falls
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Rutherglen
Newaygo Forest Products Ltd.	Mead
Nordfibre Co.	North Bay
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Weldwood of Canada Ltd.	Searchmont

QUEBEC

C.I.P. Inc.	Gatineau
C.I.P. Inc.	Minaki, Que.
Consolidated-Bathurst Inc., Pontiac Division	Portage-du-Fort
Tembec Inc.	Temiscaming

U.S.A.

Michigan	
Michigan Source	Michigan State
Other States	
Consolidated Papers Ltd.	Appleton, Wisconsin
Other States	Other States

NOTE: Includes operations which internally burn more than 200 cubic metres.

# ONTARIO SHAVINGS PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
NORTHWESTERN REGION		
Dryden	Dryden Residual	Dryden
Fort Frances	Manitou Lumber Co. Ltd.	Emo
Ignace	R.W. Kangas Ltd.	Ignace
Kenora	Boise Cascade Canada Ltd.	Kenora
	Peterson Lumber Co. Ltd.	Kenora
	Trilake Timber Co. Ltd.	Kenora
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Atikokan Forest Products Inc.	Sapawe
	Foothills Timber Ltd.	Hematite
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
	Weldwood of Canada Ltd.	Longlac
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Kakabeka Timber Ltd.	Kakabeka Falls
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
Cochrane	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Lecours Lumber Ltd.	Calstock
	Manupan Ltd.	Calstock
	Newaygo Forest Products Ltd.	Mead
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Kirkland Lake	Cheminis Lumber Ltd.	Kearns
	Elk Lake Planing Mill Ltd.	Elk Lake
	Normick Perron Inc.	Kirkland Lake
	Wm. Pollock & Sons Ltd.	Englehart
Timmins	E.B. Eddy Forest Products Ltd.	Timmins
	Malette Lumber Inc.	Timmins

ONTARIO SHAVINGS PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
NORTHEASTERN REGION		
Blind River	Blind River Residual Midway Lumber Mills	Blind River Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	Field Lumber (1956) Ltd. James Gibson & Sons Ltd. Giroux & Vezina	Field North Bay Field
Sault Ste. Marie	G.W. Martin Lumber Ltd. Weldwood of Canada Ltd.	Sault Ste. Marie Searchmont
Sudbury	Falconbridge Nickel Mines Ltd. R. Fryer Forest Products Ltd.	Falconbridge Monetville
Temagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Dontar Inc. Dubreuil Brothers Ltd.	White River Dubreuilville
ALGONQUIN REGION		
Algonquin Park Bancroft	Murray Brothers Lumber Co. Ltd. Jan Lumber Ltd. G.W. Martin Lumber Ltd.	Barry's Bay L'Amable Harcourt
Bracebridge	Weldwood of Canada Ltd.	Huntsville
Minden	Minden Residual	Minden Dist
Parry Sound	Roy's Lumber & Mining Timber	Britt
Pembroke	Consolidated-Bathrust Inc. Dament & Charles Mfg. Ltd. Dament/Neuman/Pembroke Lumber Co. A.E. Quade	Braeside Pembroke Pembroke Quadeville
EASTERN REGION		
Carleton Place	Carleton Place Residual	Carleton Place
Cornwall	O.E. Rothwell Lumber Ltd. Cornwall Residual	Lanark Cornwall
Napanee	Ken McLennan Sawmill Ltd. Chisholm's (Roslin) Ltd.	Dalkeith Roslin
Tweed	Napanee Residual Tweed Residual	Napanee Tweed
CENTRAL REGION		
Cambridge	W.G. Hallman Lumber Ltd. Parkinson's Sawmill Ltd. Henry Slater & Co. Ltd.	Petersburg Guelph Waterdown
Huronias	Huronias Residual	Huronias
Maple	M.G. Slater Lumber	Gormley
Niagara	Giant Timber Industries	Stoney Creek

ONTARIO SHAVINGS PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
SOUTHWESTERN REGION		
Aylmer	Wm. J. Sills Lumber Co. Ltd.	Strathroy
Chatham	George Coultis & Son Ltd.	Theford
Simcoe	Porter Lumber	Port Dover



ONTARIO SHAVINGS CONSUMERS, 1984

Consumers

Location

ONTARIO

Boise Cascade Canada Ltd.	Kenora
Domtar Inc.	Huntsville
Domtar Inc.	Red Rock
Don Pastell	New Hamburg
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
Kimberly-Clark of Canada Ltd.	Terrace Bay
Levesque Plywood Ltd.	Hearst
J.E. Martel & Sons Lumber Ltd.	Chapleau
McKenzie Forest Products Inc.	Hudson
Waferboard Corporation Ltd.	Timmins
Weldwood of Canada Ltd.	Searchmont

QUEBEC

Consolidated-Bathurst Inc.	Portage-du-Fort
Forex-Leroy	Val D'or
Tembec Inc.	Temiscaming

MINNESOTA

Killian Trucks	St. Cloud, Minn
Minnesota Source	Minnesota State

OTHER STATES

Other States	Other States
--------------	--------------

NOTE: Includes operations which internally burn more than 200 cubic metres.

# ONTARIO HOG FUEL PRODUCERS, 1984

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
NORTHWESTERN REGION		
Dryden	Great Lakes Forest Products Ltd.	Dryden
NORTH CENTRAL REGION		
Nipigon	MacMillan Bloedel Ltd.	Nipigon
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Abitibi-Price Inc., Fort William Div.	Thunder Bay
	Abitibi-Price Inc., Port Arthur Div.	Thunder Bay
	Great Lakes Forest Products Ltd.	Thunder Bay
	Port Arthur Lumber and Planing Ltd.	Thunder Bay
	Kakabeka Timber Ltd.	Kakabeka Falls
NORTHERN REGION		
Chapleau	Pineal Lake Lumber Co.	Pineal Lake
Cochrane	Abitibi-Price Inc., Pulp Mill	Iroquois Falls
	Abitibi-Price Inc., Sawmill	Smooth Rock Falls
	Abitibi-Price Inc., Pulp Mill	Smooth Rock Falls
	Normick Perron Inc., Sawmill	Cochrane
	Normick Perron Inc., Veneer	Cochrane
Hearst	Levesque Plywood Ltd.	Hearst
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
Kirkland Lake	Elk lake Planing Mill Ltd.	Elk Lake
	Grant Waferboard	Kirkland Lake
	Normick Perron Inc.	Kenogami
Timmins	E.B. Eddy Forest Products Ltd.,	Timmins
	McChesney Lumber Div.	
	Waferboard Corporation Ltd.	
NORTHEASTERN REGION		
Blind River	Blind River Residual Mills	Blind River Dist.
	Lajambe Forest Products Ltd.	Thessalon
Sault Ste. Marie	Lajambe Forest Products Ltd.	Garden River
	Lajambe Forest Products Ltd.	Heyden
	G.W. Martin Lumber Co. Ltd.	Sault Ste. Marie
	St. Marys Paper Inc.	Sault Ste. Marie
Temagami	Rexwood Products Ltd.	New Liskeard
ALGONQUIN REGION		
Minden	Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce
CENTRAL REGION		
Cambridge	Oakville Wood Specialties Ltd.	Oakville
	Edgewood lumber Ltd.	Hawkesville
	Cherry Forest Products Ltd.	Guelph

<u>Regions and Districts</u>	<u>Producers</u>	<u>Location</u>
SOUTHWESTERN REGION		
Owen Sound	Owen Sound Residual Mills RKM Wood Products Bogdon and Gross Furniture PM Lumber W.G. Hallman Lumber Ltd.	Owen Sound Tiverton Walkerton Hanover Walter's Falls
Wingham	Wingham Residual Mills Craig Hardwoods Ltd. R.J. Dungey and Sons Ltd. B.E. Grein Lumber Ltd.	Wingham Auburn Mitchel Clifford

ONTARIO HOGFUEL CONSUMERS, 1984

Consumers

Location

ONTARIO

Abitibi-Price Inc., Iroquois Falls Division	Iroquois Falls
Abitibi-Price Inc., Smooth Rock Falls Division	Smooth Rock Falls
B.E. Grein Lumber Ltd.	Ayton
Bio Shell Ltd.	Hearst
Bio Shell Ltd.	Iroquois Falls
Domtar Inc., Packaging Group	Red Rock
R.J. Dungey & Sons Ltd.	Mitchell
Elk Lake Planing Mill Ltd.	Elk Lake
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
G.W. Martin Lumber Ltd.	Sault Ste. Marie
Oakville Wood Specialties Ltd.	Oakville
Pineal Lake Lumber Co. Ltd.	Pineal Lake
Rexwood Products Ltd.	New Liskeard
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Ltd.	Timmins

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO SAWDUST CONSUMERS, 1984

<u>Consumers</u>	<u>Location</u>
ONTARIO	
Abitibi-Price Inc.	Thunder Bay
Bio Shell Ltd.	Hearst
Boise Cascade Canada Ltd.	Kenora
Domtar Inc.	Huntsville
Domtar Inc.	Red Rock
George Coultis & Sons Ltd.	Thedford
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
Griffiths Laboratories Ltd.	South River
Boise A. Lachance Lumber Ltd.	Harty
Levesque Plywood Ltd.	Hearst
Nordfibre Co.	North Bay
Northern Wood Preservers Inc.	Thunder Bay
Pluswood Mfg. Ltd.	Atikokan
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Ltd.	Timmins
Weldwood of Canada Ltd.	Searchmont
QUEBEC	
Consolidated-Bathurst Inc., Pontiac Division	Portage du Fort
OTHER STATES	
Other States	Other States

NOTE: Includes operations which intenatilly burn more than 200 cubic metres.

ONTARIO BARK CONSUMERS, 1984

Consumers

Location

ONTARIO

Abitibi-Price Inc.	Thunder Bay
Bio-Shell Ltd.	Hearst
Birchland Veneer Ltd.	Thessalon
Boise Cascade Canada Ltd.	Kenora
George Coultis & son Ltd.	Thedford
Domtar Inc.	Red Rock
E.B. Eddy Forest Products Ltd.	Espanola
Goulard Lumber (1971) Ltd.	Sturgeon Falls
Great Lakes Forest Products Ltd.	Thunder Bay
J.H. Keeso & Sons Ltd.	Listowel
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Rutherglen
Nordfibre Co.	North Bay
Odorizzi Lumber Co. Ltd.	Golden Valley
Pannill Veneer Co. Ltd.	Kitchener
Pluswood Mfg. Ltd.	Atikokan
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Ltd.	Sault Ste. Marie
Waferboard Corporation Ltd.	Timmins
Weldwood of Canada Ltd.	Searchmont
Weldwood of Canada Ltd.	Huntsville
Weldwood of Canada Ltd.	Longlac

QUEBEC

Organeco Inc.	St. Eugene
---------------	------------

U.S.A.

Boise Cascade Corp.	Minnesota
---------------------	-----------

NOTE: Includes operations which internally burn more than 200 cubic metres.



REPORT ON THE 1984  
INTERPROVINCIAL AND INTERNATIONAL TRADE  
IN WOOD AND WOOD PRODUCTS



ONTARIO INTERPROVINCIAL AND INTERNATIONAL TRADE IN WOOD PRODUCTS, 1984

SUMMARY

(cubic metres, solid wood equivalent)

	Pulpwood		Sawlogs and Veneer Logs etc.		Whole Tree Chips and Residues		Total
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	

Total Shipments into Ontario

	358 461	453 196	185 363	150 298	4 965	80 567	1 232 850
--	---------	---------	---------	---------	-------	--------	-----------

Total Shipments out of Ontario

Crown Land	6 302	33 203	55 656	12 479	309 693	234 342	651 675
Patent Land	3 769	-	9 649	1 054	177 633	80 715	272 820
TOTALS	10 071	33 203	65 305	13 533	487 326	315 057	924 495

ONTARIO INTERPROVINCIAL AND INTERNATIONAL TRADE IN WOOD PRODUCTS, 1984

BY ORIGIN AND DESTINATION

(cubic metres, solid wood equivalent)

	Pulpwood		Sawlogs and Veneer Logs etc.		Whole Tree Chips and Residues		Total
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	

Shipments into Ontario

Origin

Manitoba	145 378	-	-	-	-	-	145 378
Quebec	-	94 668	128 505	16 685	-	56 762	296 620
U.S.A.	213 083	358 528	56 858	133 562	4 965	23 805	790 801
Other Countries	-	-	-	51	-	-	51
TOTALS	358 461	453 196	185 363	150 298	4 965	80 567	1 232 850

Shipments out of Ontario - from Crown Land

Destination

Quebec	6 302	33 203	55 425	3 856	298 821	234 342	627 949
U.S.A.	-	-	231	8 623	14 872	-	23 726
TOTALS	6 302	33 203	55 656	12 479	309 693	234 342	651 675

Shipments out of Ontario - from Patent Land

Destination

Quebec	3 585	-	9 572	982	161 082	75 805	251 026
U.S.A.	184	-	77	72	16 551	4 910	21 794
TOTALS	3 769	-	9 649	1 054	177 633	80 715	272 820

SHIPMENTS INTO ONTARIO, 1984

(cubic metres, solid wood equivalent)

Region	Roundwood		Whole Tree Chips & Residues	
	Conifer	Hardwood	Conifer	Hardwood
Northwestern	Origin - Manitoba			
	145 378	-	-	-
TOTALS	145 378	-	-	-
Northern Northeastern Algonquin Eastern	Origin - Quebec			
	8 125	-	-	-
	-	78	-	15 602
	118 694	12 852	-	-
	1 686	98 423	-	41 160
TOTALS	128 505	111 353	-	56 762
Northwestern North Central Northeastern Algonquin Eastern Central Southwestern	Origin - U.S.A.			
	50 929	-	-	-
	113 141	88 845	4 965	3 827
	77 627	34 319	-	-
	2 352	4 168	-	-
	21 521	320 074	-	19 978
	4 371	26 814	-	-
	-	26 814	-	-
TOTALS	269 941	492 090	4 965	23 805
Southwestern	Origin - Other Countries			
	-	51	-	-
TOTALS	-	351	-	-

SHIPMENTS OUT OF ONTARIO FROM CROWN LANDS, 1984

(cubic metres, solid wood equivalent)

Region	Roundwood		Whole Tree Chips & Residues	
	Conifer	Hardwood	Conifer	Hardwood
Northern Northeastern Algonquin Eastern	Destination - Quebec			
	32 600	9 722	83 206	33 941
	20 190	22 795	27 467	45 529
	8 272	1 526	183 760	153 943
	665	3 016	388	929
TOTALS	61 727	37 059	294 821	234 342
Central North Central Algonquin Northeastern	Destination - U.S.A.			
	-	8 453	-	-
	-	-	1 039	-
	231	170	-	-
	-	-	13 833	-
TOTALS	231	8 623	14 872	-

SHIPMENTS OUT OF ONTARIO FROM PATENT LAND, 1984

(cubic metres, solid wood equivalent)

Region	Roundwood		Whole Tree Chips & Residues	
	Conifer	Hardwood	Conifer	Hardwood
Northern Algonquin Eastern	Destination - Quebec			
	8 152	915	-	1 239
	56	67	154 022	71 359
	4 949	-	7 060	3 207
TOTALS	13 157	982	161 082	75 805
Northern Northeastern Eastern Southwestern	Destination - U.S.A.			
	-	-	8 746	-
	77	72	7 805	-
	184	-	-	-
	-	-	-	4 910
TOTALS	261	72	16 551	4 910



# HISTORICAL SUMMARY, 1979-1984

(thousands of cubic metres)

## SHIPMENTS INTO ONTARIO

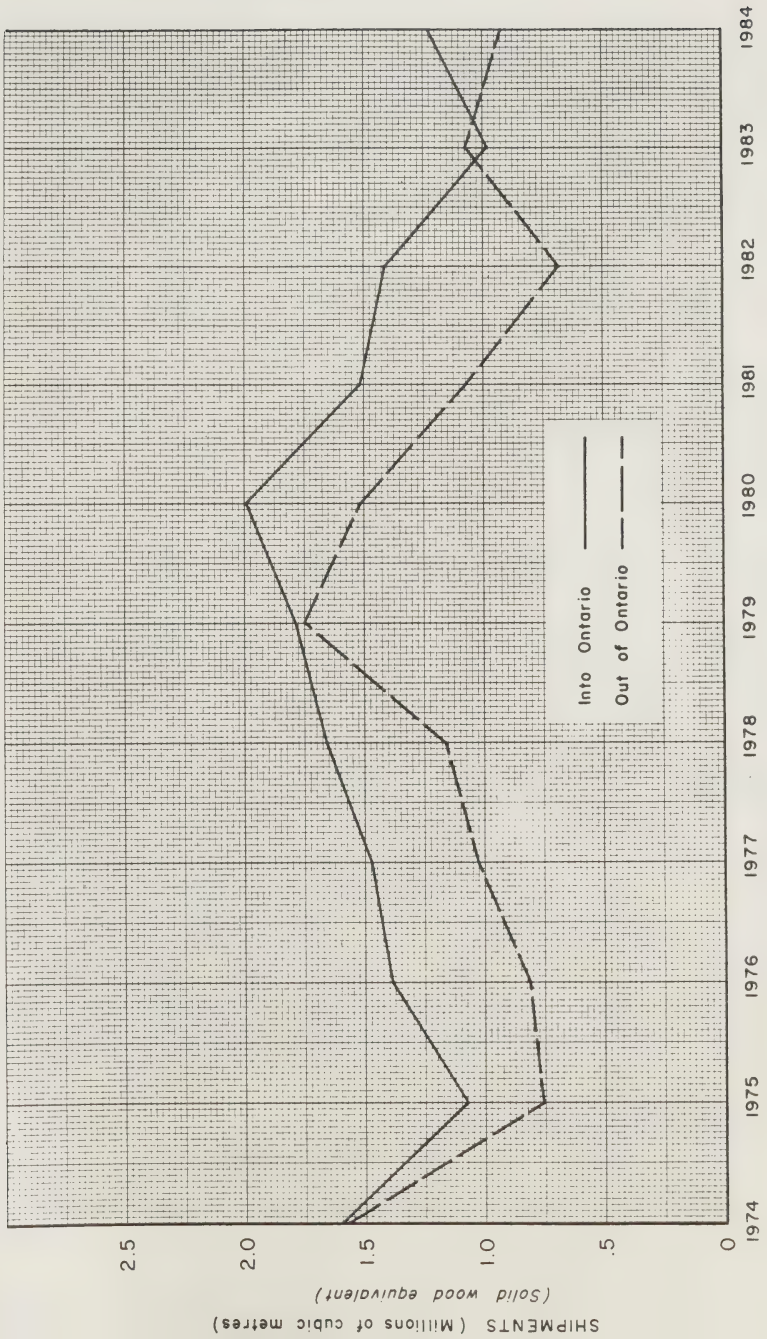
ORIGIN	1979	1980	1981	1982	1983	1984	Millions of cubic feet
Manitoba	145.24	148.11	169.65	179.24	199.99	145.38	5.14
Quebec	694.59	1 010.21	702.23	474.00	184.65	296.62	10.47
Other Can. Provs.	12.82	0.34	1.21	1.18	0.17	-	-
U.S.A.	934.96	842.88	736.29	464.82	597.74	790.80	27.93
Other Countries	-	-	0.06	0.06	0.04	0.05	-
TOTAL	1 787.61	2 001.54	1 609.44	1 119.30	982.59	1 232.85	43.54

## SHIPMENTS OUT OF ONTARIO

DESTINATION	1979	1980	1981	1982	1983	1984	Millions of cubic feet
Manitoba	-	19.10	-	-	-	-	-
Quebec	1 467.52	1 165.26	869.55	586.03	715.13	878.97	31.06
Other Can. Provs.	9.96	-	-	0.59	0.27	-	-
U.S.A.	289.60	378.38	208.05	115.95	364.34	45.52	1.63
Other Countries	0.07	-	-	-	-	-	-
TOTAL	1 767.15	1 562.74	1 077.60	702.57	1 079.74	924.49	32.69

# ONTARIO INTERPROVINCIAL AND INTERNATIONAL WOOD SHIPMENTS

1974 - 84



ONTARIO EXPORTS OF FOREST PRODUCTS, 1981-84  
(thousands of dollars)

Commodity	1981	1981 Ontario as a % of Canada	1982	1982 Ontario as a % of Canada	1983	1983 Ontario as a % of Canada	1984	Ontario as a % of Canada
Logs and Bolts	631.1	1.2	1 260.4	1.4	649.6	0.4	914.7	0.4
Round Timber	592.4	5.4	619.6	4.5	154.7	1.0	641.3	4.0
Pulpwood	1 290.7	5.2	60.0	0.7	367.2	3.2	48.9	0.5
Pulpwood Chips	6 671.9	6.8	3 481.9	3.6	3 676.4	4.1	891.5	1.0
Other Crude Wood								
Materials	912.3	7.5	884.6	6.0	1 386.6	8.6	617.6	3.0
Lumber and Timbers	468 837.9	15.5	485 631.6	16.4	624 380.3	15.6	766 218.6	17.8
Railway Ties	429.9	5.9	34.4	0.7	231.9	12.3	1 443.2	25.7
Other Sawmill Prod.	879.5	9.0	1 068.7	4.6	2 272.2	0.9	3 422.5	1.2
Millwork	15 196.8	19.8	14 780.3	21.3	20 415.2	16.0	28 520.1	20.5
Veneer	45 737.1	50.7	44 590.9	48.8	57 138.5	33.0	62 234.8	49.9
Plywood	7 697.1	5.8	7 364.8	5.9	12 347.3	8.7	15 259.2	10.3
Other Fabricated								
Wood Materials	66 920.4	57.8	63 136.1	53.3	84 414.0	57.8	130 053.1	54.4
Wood Pulp and								
Similar Pulp	614 782.3	16.1	509 781.6	15.8	538 564.0	17.6	640 388.7	16.4
Paper for Printing	1 014 824.9	21.7	985 134.2	21.9	1 073 353.6	24.3	1 275 574.4	23.9
Fine Paper	26 251.1	79.3	41 836.6	73.9	59 326.5	67.8	70 447.7	63.6
Tissue and Sanitary								
Paper	22 845.5	73.9	25 893.0	77.4	23 979.8	71.5	23 195.5	54.9
Wrapping Paper	27 470.9	20.1	21 073.3	17.8	22 829.1	19.6	22 410.1	20.7
Paperboard	31 521.5	17.3	19 083.7	14.3	26 880.9	15.2	37 499.1	16.7
Building Paper,								
Building Board and								
Machine Board	35 602.2	40.5	36 707.8	37.2	13 040.5	17.7	50 582.7	39.9
Converted Paper	60 160.6	75.6	54 088.5	76.9	69 616.2	76.6	77 540.3	72.3
SUB TOTAL, Forest Products	2 449 256.1	19.3	2 316 512.0	19.6	2 635 024.5	20.0	3 207 904.0	20.6
<u>Selected Commodities</u>								
Furniture and Fixtures	188 377.5	66.5	214 979.4	70.1	280 075.4	72.4	372 895.3	69.9
Toys, Games, Sporting and Recreational								
Equipment	78 691.3	53.3	58 349.8	56.4	53 854.1	51.5	116 790.4	56.6
Printed Matter	118 029.4	51.9	143 919.1	55.2	190 498.2	50.8	217 364.2	52.2
Stationers' and								
Office Supplies & Artists' Material	37 147.1	68.9	45 623.2	60.0	13 214.8	68.1	39 360.6	63.2
TOTAL ALL EXPORTS	34 041 821.3	40.7	36 841 717.2	43.7	41 646 864.0	45.8	55 200 000.0	49.1

Note: Exports include Domestic and Re-exports.

Source: Ontario Ministry of Industry and Trade; Statistics Canada, Exports by Commodity.

ONTARIO EXPORTS OF FOREST PRODUCTS, 1981-84  
(volume)

Commodity		1981	1981	1982	1982	1983	1983	1984	1984
			Ontario as a % of Canada		Ontario as a % of Canada		Ontario as a % of Canada		Ontario as a % of Canada
Logs and Bolts	Mbf	1 308	0.6	1 260	0.5	984	0.2	869	0.1
Round Timber	ft. (1)	1 500	0.1	16 914	0.6	17 203	0.6	14 403	0.5
Pulpwood	cord	14 514	4.3	717	0.6	5 360	3.1	854	0.5
Pulpwood Chips	ton	105 305	7.3	44 265	3.6	44 526	2.9	10 742	0.7
Other Crude Wood									
Materials	(2)			(2)		(2)		(2)	
Lumber and Timbers	Mbf	1 941 401	16.6	1 973 174	16.7	2 277 428	15.7	2 759 300	17.4
Railway Ties	no.	2 633	3.6	15 161	3.4	29 886	9.8	122 822	19.9
Other Sawmill Prod.		(2)		(2)		(2)		(2)	
Millwork		(2)		(2)		(2)		(2)	
Veneer	sq.ft.	631 590 813	34.1	571 814 449	42.5	683 124 441	44.8	637 948 826	47.9
Plywood (3)	sq.ft.	30 437 867	6.3	29 179 881	6.0	30 152 871	6.3	49 801 778 (4)	8.7
Other Fabricated									
Wood Materials	(2)			(2)		(2)		(2)	
Wood Pulp and									
Similar Pulp	cwt	22 475 360	15.1	19 659 620	14.6	24 058 676	16.0	23 148 582	14.9
Paper for Printing	cwt	41 503 406	22.1	37 898 466	22.4	42 814 169	24.0	45 254 569	23.1
Fine Paper	cwt	650 384	82.8	1 089 386	76.3	1 594 127	70.7	1 575 770	65.9
Tissue and Sanitary									
Paper	cwt	433 389	68.5	479 309	73.6	468 728	67.1	446 412	49.0
Wrapping Paper	cwt	569 839	12.5	380 094	9.2	425 386	8.9	375 236	9.5
Paperboard	cwt	1 702 471	16.9	924 382	11.5	1 467 337	12.9	1 841 703	15.8
Building Paper,									
Building Board and									
Machine Board	cwt	3 596 275	46.7	3 570 331	43.7	852 599	19.2	4 506 020	50.5
Converted Paper	cwt	395 122	61.0	320 572	63.7	361 707	56.4	409 945	64.9

(1) Does not include fence posts and poles of wood N.E.S., because units are # of posts.

(2) Due to different measurement units within this category, it is non-additive.

(3) In 1981 thru 1983, the category Plywood and Wood Building Board N.E.S. was not included in the Plywood volume figure.

(4) In 1984, Plywood volume is sq. ft. 1/4" basis.

Note: Exports include Domestic and Re-exports.

Source: Ontario Ministry of Industry and Trade; Statistics Canada, Exports by Commodity.



ONTARIO IMPORTS OF FOREST PRODUCTS, 1981-84  
(thousands of dollars)

Commodity	1981	1981 Ontario as a % of Canada	1982	1982 Ontario as a % of Canada	1983	1983 Ontario as a % of Canada	1984	1984 Ontario as a % of Canada
Logs and Bolts	6 124.6	9.8	8 878.8	14.2	13 078.5	13.8	16 630.8	13.8
Round Timber	4 631.4	41.8	3 131.2	28.0	1 758.1	66.9	4 821.4	36.2
Pulpwood	14 376.2	86.2	14 234.0	94.2	11 882.9	93.1	11 026.7	86.5
Pulpwood Chips	642.4	19.4	351.3	9.6	555.2	8.5	113.2	1.3
Other Crude Wood								
Materials	331.0	18.8	315.8	16.2	702.1	13.5	1 111.8	16.2
Lumber and Timbers	85 058.8	31.6	66 591.0	37.7	105 482.9	37.5	124 541.1	44.2
Railway Ties	5 671.1	40.1	2 791.3	38.0	3 312.7	45.6	4 797.1	30.9
Other Sawmill Prod.	4 756.8	41.2	3 435.2	46.2	7 556.2	51.9	9 657.9	58.2
Millwork	24 352.3	35.4	15 595.9	38.2	33 960.6	48.1	35 315.5	51.1
Veneer	9 697.8	35.2	6 450.4	32.2	12 569.7	38.2	16 532.3	43.9
Plywood	18 542.9	16.1	10 166.3	24.9	18 449.0	24.3	14 865.4	36.5
Other Fabricated								
Wood Materials	23 769.2	49.9	17 663.2	49.6	15 185.8	52.5	28 645.1	41.3
Wood Pulp and								
Similar Pulp	52 764.8	63.2	59 898.9	68.0	57 664.0	66.7	71 695.1	55.5
Paper for Printing	58 186.3	43.1	44 237.1	43.7	63 865.6	48.2	88 269.1	47.4
Fine Paper	63 640.0	55.5	56 513.6	63.1	69 185.0	63.2	107 631.4	65.5
Tissue and Sanitary								
Paper	18 367.4	45.3	16 333.2	44.8	16 517.6	46.4	17 938.3	47.1
Wrapping Paper	16 921.8	61.6	13 701.7	58.9	16 831.4	49.7	23 086.8	53.9
Paperboard	29 426.3	52.2	35 054.7	45.3	46 017.8	49.6	68 051.9	57.1
Building Paper,								
Building Board and								
Machine Board	14 923.9	39.2	11 778.5	41.9	15 556.1	39.4	18 911.0	45.2
Converted Paper	63 560.4	54.2	64 229.3	65.2	91 021.3	63.9	111 819.3	65.9
SUB TOTAL, Forest Products	515 745.4	40.9	451 351.4	49.1	601 152.5	46.1	775 461.2	52.4
<u>Selected Commodities</u>								
Furniture and Fixtures	167 077.7	48.2	103 015.0	50.2	150 388.9	53.4	187 501.2	55.5
Toys, Games, Sporting & Recreational Equip.	283 983.5	60.3	119 175.0	71.8	270 744.7	56.4	348 893.5	57.1
Printed Matter	694 859.4	68.5	775 079.0	70.8	863 489.2	71.1	992 587.4	72.1
Stationers' and Office Supplies & Artists' Material	132 411.9	68.0	166 732.0	68.7	25 204.8	54.5	76 637.0	66.1
TOTAL ALL IMPORTS	42 960 140.9	54.5	39 070 883.0	57.8	45 671 130.0	60.3	59 483 000.0	62.1

ONTARIO IMPORTS OF FOREST PRODUCTS, 1981-84  
(volume)

Commodity		1981	1981 Ontario as a % of Canada	1982	1982 Ontario as a % of Canada	1983	1983 Ontario as a % of Canada	1984	1984 Ontario as a % of Canada
Logs and Bolts	Mbf	14 994	0.3	20 686	5.9	33 524	6.4	37 869	6.1
Round Timber	ft.	1 186 121	24.2	651 641	32.4	603 126	73.1	1 344 976	29.2
Pulpwood	cord	198 664	80.9	193 954	93.3	178 677	94.2	162 304	85.2
Pulpwood Chips	ton	21 537	22.6	11 651	20.6	17 739	16.5	16 701	1.8
Other Crude Wood Materials		(1)		(1)		(1)		(1)	
Lumber and Timbers	Mbf	247 356	28.8	144 317	30.1	177 084	31.2	200 488	39.3
Railway Ties	no.	363 632	33.8	174 913	31.7	212 452	38.1	303 295	27.4
Other Sawmill Prod.		(1)		(1)		(1)		(1)	
Millwork		(1)		(1)		(1)		(1)	
Veneer	sq.ft.	83 531 476	28.3	62 358 836	29.9	118 569 614	33.3	142 574 177	36.9
Plywood (2)	sq.ft.	56 330 191	14.3	1 935 982	(3) 1.5	57 984 710	22.5	58 655 519	36.5
Other Fabricated Wood Materials		(1)		(1)		(1)		(1)	
Wood Pulp and Similar Pulp	cwt	2 038 449	65.3	2 316 507	70.2	2 422 524	69.4	2 399 477	54.5
Paper for Printing	cwt	1 289 977	41.5	934 422	40.9	1 380 568	46.4	1 741 685	45.1
Fine Paper	cwt	838 580	49.6	629 810	57.3	769 873	36.5	1 244 694	60.3
Tissue and Sanitary Paper	cwt	186 637	46.4	136 977	48.9	152 028	53.1	149 552	49.9
Wrapping Paper	cwt	323 002	47.7	279 354	46.1	433 053	41.5	482 651	42.4
Paperboard	cwt	1 102 782	47.9	1 305 660	45.5	1 804 470	50.6	2 401 308	56.9
Building Paper, Building Board and Machine Board	cwt	429 132	26.3	277 642	33.8	404 882	31.0	449 533	37.6
Converted Paper	cwt	540 379	42.7	548 327	69.8	757 774	68.0	923 557	68.4

(1) Due to different measurement units within this category, it is non-additive.

(2) Plywood volume is sq.ft. 1/4" basis.

(3) In 1982, the category Plywood and Wood Building Board N.E.S. was not included in the Plywood volume figures.

Source: Ontario Ministry of Industry and Trade; Statistics Canada, Imports by Commodity.

3 1761 11547666 5

